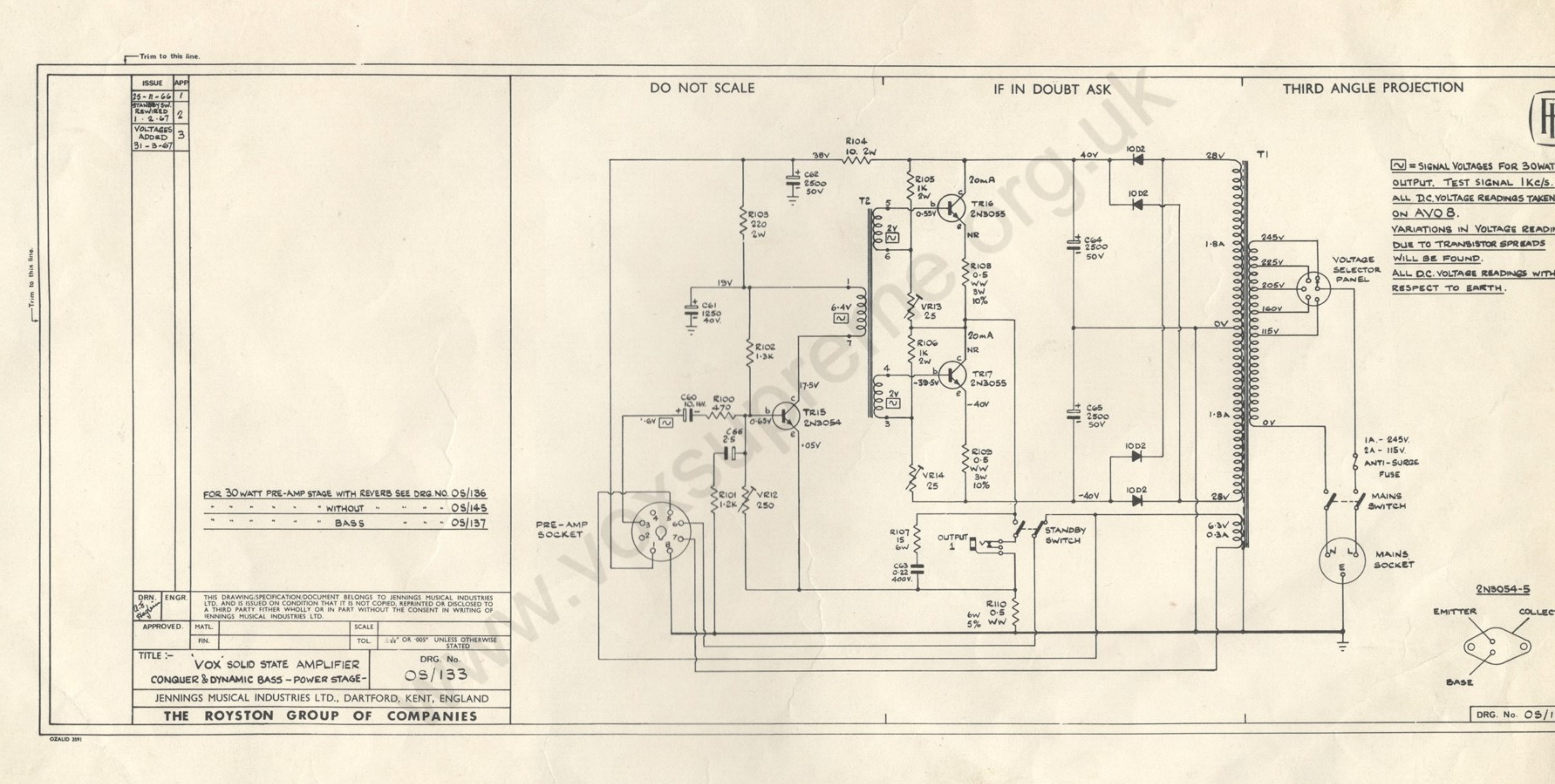
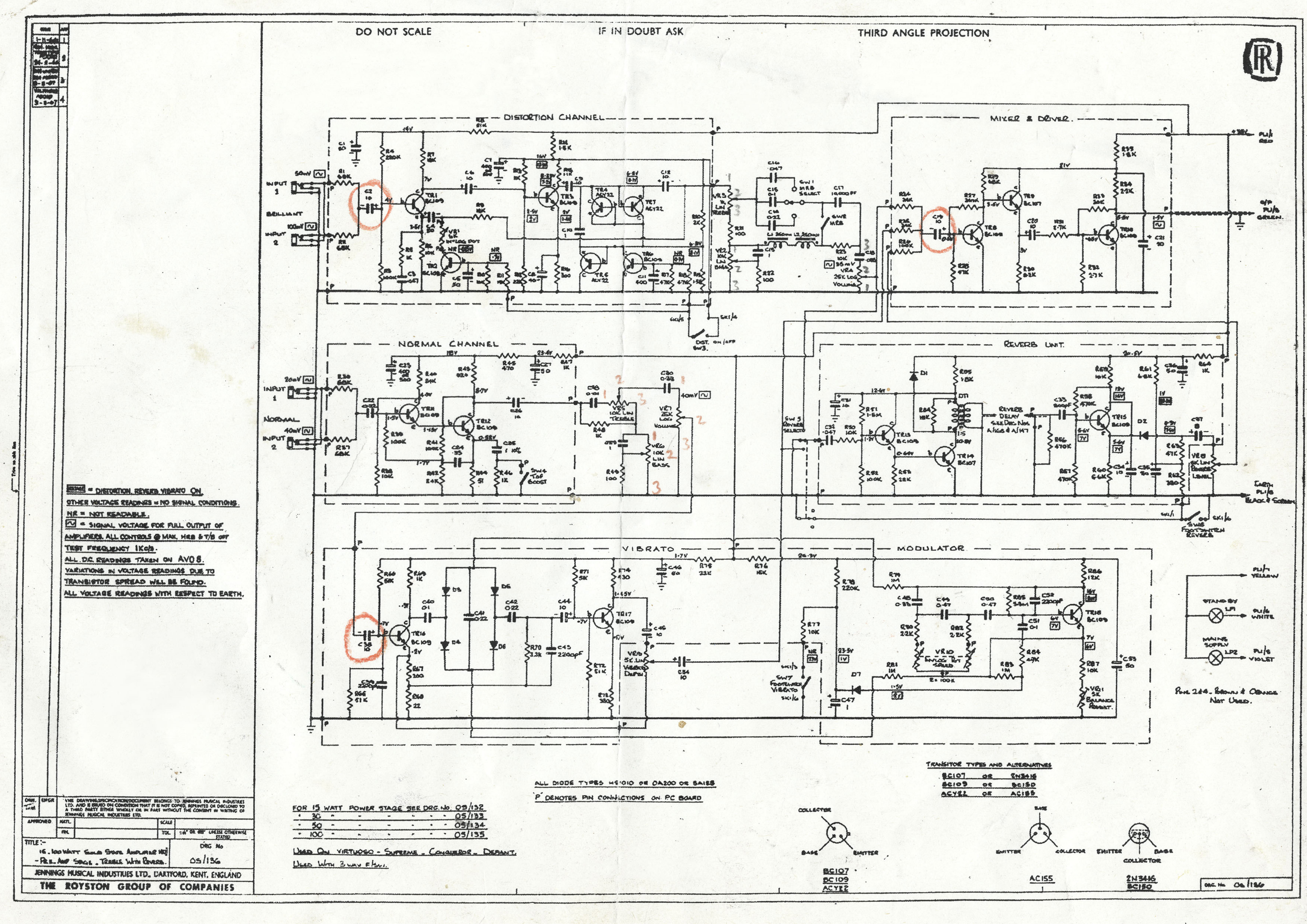

Trim to this line.
DO NOT SCALE
IF IN DOUBT ASK
THIRD ANGLE PROJECTION
ISSUE | APP
25-11-66 | 1
STANDBY SW. REWIRED 1-2-67 | 2
VOLTAGES ADDED 31-3-67 | 3
~ = SIGNAL VOLTAGES FOR 30WAT
OUTPUT. TEST SIGNAL 1Kc/s.
ALL D.C. VOLTAGE READINGS TAKEN
ON AVO 8.
VARIATIONS IN VOLTAGE READIN
DUE TO TRANSISTOR SPREADS
WILL BE FOUND.
ALL D.C. VOLTAGE READINGS WITH
RESPECT TO EARTH.
R104 10. 2W
38V
C62 2500 50V
R103 220 2W
19V
C61 1250 40V.
R102 1·3K
C60 10.16K
R100 470
TR15 2N3054
17·5V
0·63V
·05V
C66 25
R101 1·2K
VR12 250
·6V
6·4V
T2
R105 1K 2W
0·55V
TR16 2N3055
20mA
NR
R108 0·5 WW 3W 10%
VR13 25
R106 1K 2W
-39·5V
TR17 2N3055
-40V
R109 0·5 WW 3W 10%
VR14 25
2V
40V
-40V
10D2
C64 2500 50V
C65 2500 50V
28V
1·8A
0V
T1
245V
225V
205V
160V
115V
VOLTAGE SELECTOR PANEL
6·3V 0·3A
R107 15 6W
C63 0·22 400V.
OUTPUT 1
STANDBY SWITCH
R110 0·5 WW 6W 5%
1A - 245V.
2A - 115V.
ANTI-SURGE FUSE
MAINS SWITCH
MAINS SOCKET
N L E
PRE-AMP SOCKET
2N3054-5
EMITTER
COLLEC
BASE
FOR 30 WATT PRE-AMP STAGE WITH REVERB SEE DRG. NO. OS/136
" " " " " WITHOUT " " " - OS/145
" " " " " BASS " " - OS/137
DRN. | ENGR.
THIS DRAWING/SPECIFICATION/DOCUMENT BELONGS TO JENNINGS MUSICAL INDUSTRIES LTD. AND IS ISSUED ON CONDITION THAT IT IS NOT COPIED, REPRINTED OR DISCLOSED TO A THIRD PARTY EITHER WHOLLY OR IN PART WITHOUT THE CONSENT IN WRITING OF JENNINGS MUSICAL INDUSTRIES LTD.
APPROVED. | MATL. | SCALE
FIN. | TOL. | ±1/64" OR ·005" UNLESS OTHERWISE STATED
TITLE :- 'VOX' SOLID STATE AMPLIFIER
CONQUER & DYNAMIC BASS - POWER STAGE -
DRG. No. OS/133
JENNINGS MUSICAL INDUSTRIES LTD., DARTFORD, KENT, ENGLAND
THE ROYSTON GROUP OF COMPANIES
DRG. No. OS/1
OZALID 3591
www.voxsupreme.org.uk



DO NOT SCALE
IF IN DOUBT ASK
THIRD ANGLE PROJECTION
DISTORTION CHANNEL
MIXER & DRIVER
NORMAL CHANNEL
REVERB UNIT
VIBRATO
MODULATOR
INPUT 1
BRILLIANT
INPUT 2
NORMAL
O/P PL/3 GREEN
EARTH PL/5 BLACK & SCREEN
PL/1 RED
PL/7 YELLOW
PL/4 WHITE
PL/6 VIOLET
STAND BY
MAINS SUPPLY
PINS 2 & 4 BROWN & ORANGE NOT USED.
= DISTORTION, REVERB VIBRATO ON.
OTHER VOLTAGE READINGS = NO SIGNAL CONDITIONS.
NR = NOT READABLE.
= SIGNAL VOLTAGE FOR FULL OUTPUT OF AMPLIFIERS. ALL CONTROLS @ MAX. MRB & T/B OFF
TEST FREQUENCY 1Kc/s.
ALL D.C. READINGS TAKEN ON AVO 8.
VARIATIONS IN VOLTAGE READINGS DUE TO TRANSISTOR SPREAD WILL BE FOUND.
ALL VOLTAGE READINGS WITH RESPECT TO EARTH.
ALL DIODE TYPES HS1010 OR OA200 OR BA155
'P' DENOTES PIN CONNECTIONS ON PC BOARD
TRANSISTOR TYPES AND ALTERNATIVES
BC107 OR 2N3416
BC109 OR BC150
ACY22 OR AC155
FOR 15 WATT POWER STAGE SEE DRG. No. 05/132
" 30 " 05/133
" 50 " 05/134
" 100 " 05/135
USED ON VIRTUOSO - SUPREME - CONQUEROR - DEFIANT.
USED WITH 3 WAY F/SW.
COLLECTOR
BASE
EMITTER
BC107
BC109
ACY22
AC155
2N3416
BC150
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DRN.
ENGR.
APPROVED
MATL.
FIN.
SCALE
TOL.
UNLESS OTHERWISE STATED
TITLE :-
15 - 100 WATT SOLID STATE AMPLIFIER MKII
- PRE AMP STAGE - TREBLE WITH REVERB.
DRG No
05/136
JENNINGS MUSICAL INDUSTRIES LTD., DARTFORD, KENT, ENGLAND
THE ROYSTON GROUP OF COMPANIES
DRG. No. 05/136